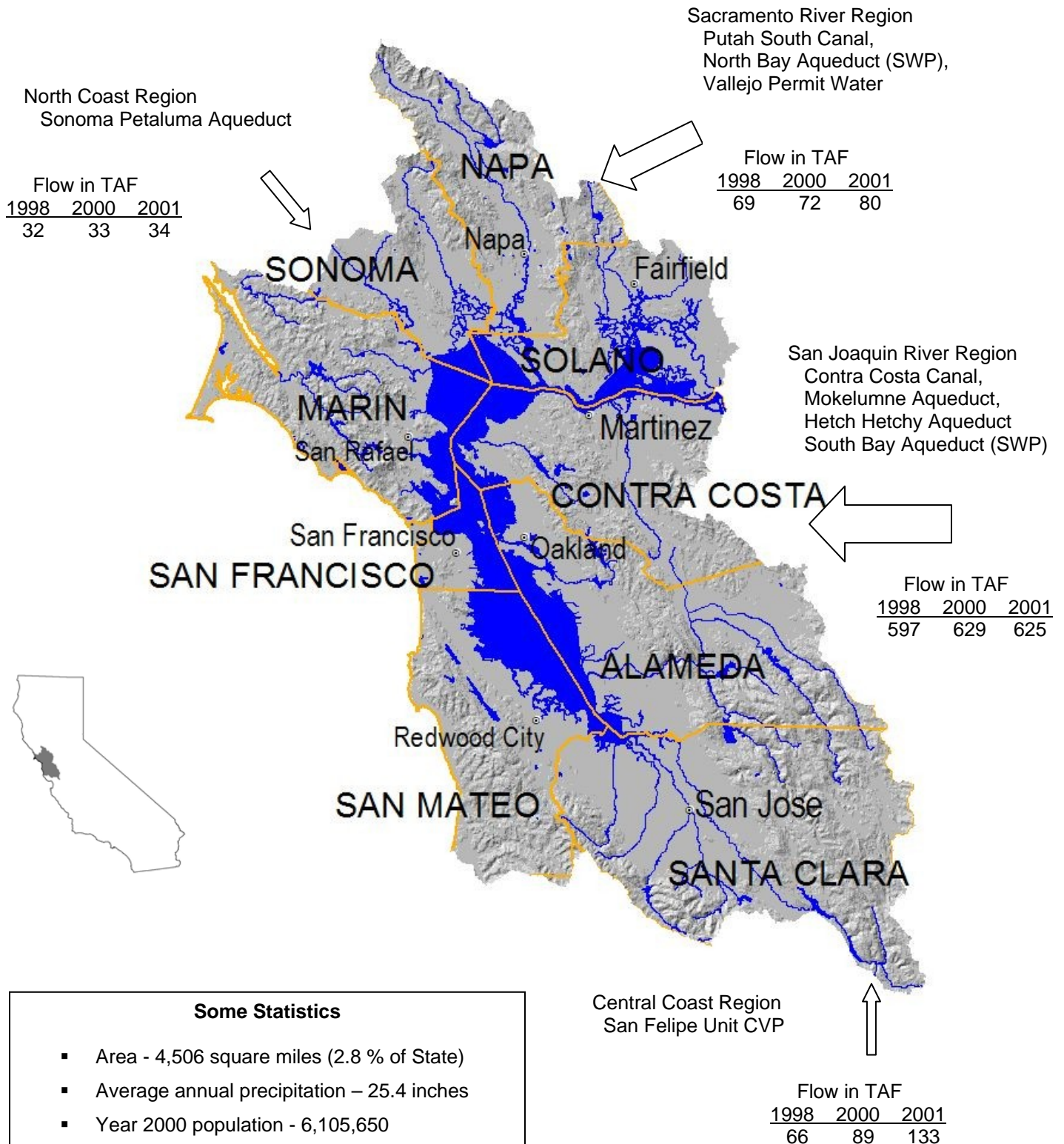


SAN FRANCISCO BAY HYDROLOGIC REGION



SAN FRANCISCO BAY HYDROLOGIC REGION WATER BALANCE SUMMARY - TAF

Water Entering the Region – Water Leaving the Region = Storage Changes in Region

| | Water Year (Percent of Normal Precipitation) | | |
|---|--|--------------|--------------|
| | 1998 (188%) | 2000 (109%) | 2001 (81%) |
| Water Entering the Region | | | |
| Precipitation | 11,438 | 6,644 | 4,908 |
| Inflow from Oregon/Mexico | 0 | 0 | 0 |
| Inflow from Colorado River | 0 | 0 | 0 |
| Imports from Other Regions *** | 764 | 823 | 872 |
| Total | 12,202 | 7,467 | 5,780 |
| Water Leaving the Region | | | |
| Consumptive Use of Applied Water * (Ag, M&I, Wetlands) | 363 | 394 | 415 |
| Outflow to Oregon/Nevada/Mexico | 0 | 0 | 0 |
| Exports to Other Regions | 0 | 0 | 0 |
| Required Outflow to Salt Sink | 23 | 22 | 20 |
| Additional Outflow to Salt Sink *** | 664 | 727 | 759 |
| Evaporation, Evapotranspiration of Native Vegetation, Groundwater Subsurface Outflows, Natural and Incidental Runoff, Ag Effective Precipitation & Other Outflows | 11,146 | 6,234 | 4,795 |
| Total | 12,196 | 7,377 | 5,989 |
| Storage Changes in the Region | | | |
| [+] Water added to storage | | | |
| [-] Water removed from storage | | | |
| Change in Surface Reservoir Storage | 76 | -25 | -56 |
| Change in Groundwater Storage ** | -70 | 115 | -153 |
| Total | 6 | 90 | -209 |
| Applied Water * (compare with Consumptive Use) | 1,060 | 1,158 | 1,214 |
| * Definition - Consumptive use is the amount of applied water used and no longer available as a source of supply. Applied water is greater than consumptive use because it includes consumptive use, reuse, and outflows. | | | |

****Footnote for change in Groundwater Storage**

Change in Groundwater Storage is based upon best available information. Basins in the north part of the State (North Coast, San Francisco, Sacramento River and North Lahontan Regions and parts of Central Coast and San Joaquin River Regions) have been modeled – spring 1997 to spring 1998 for the 1998 water year and spring 1999 to spring 2000 for the 2000 water year. All other regions and year 2001 were calculated using the following equation:

$$\text{GW change in storage} = \text{intentional recharge} + \text{deep percolation of applied water} + \text{conveyance deep percolation} - \text{withdrawals}$$

This equation does not include the unknown factors such as natural recharge and subsurface inflow and outflow.

*** Does not include San Joaquin River Flows flowing through Sacramento River Region to San Francisco Bay Region. Amounts are 8,491 taf for 1998, 2,846 taf for 2000, and 1,732 taf for 2001.